

THE ASTROPHYSICAL JOURNAL SUPPLEMENT SERIES

INDEX TO VOLUME 60

1986 JANUARY, FEBRUARY, MARCH, AND APRIL

- ANDERSON, NELS. Photometry of Resolved Galaxies. V. NGC 6822. *J. G. Hoessel and Nels Anderson*. **60**, 507, 7-D4
- BAHCALL, JOHN N. Wide Binaries in the Direction of Andromeda. *John N. Bahcall, Burton F. Jones, and Kavan U. Ratnatunga*. **60**, 939, 14-G7
- BHATIA, A. K. The Statistical Equilibrium of Hydrogen and Helium in a Radiation Field, with an Application to Interpreting Wolf-Rayet Spectra. *A. K. Bhatia and A. B. Underhill*. **60**, 323, 4-F8
- BLAKE, GEOFFREY A. The Rotational Emission-Line Spectrum of Orion A between 247 and 263 GHz. *Geoffrey A. Blake, E. C. Sutton, C. R. Masson, and T. G. Phillips*. **60**, 357, 5-A14
- The Laboratory Millimeter-Wave Spectrum of Methyl Formate in Its Ground Torsional E State. *Grant M. Plummer, Eric Herbst, Frank C. De Lucia, and Geoffrey A. Blake*
- CELIS S., L. *UBVRI* Photometry of Red Stars. *L. Celis S.* **60**, 879, 13-B6
- CLEMENS, D. P. Massachusetts-Stony Brook Galactic Plane CO Survey. I. (*b*, *V*) Maps of the First Galactic Quadrant. *D. P. Clemens, D. P. Clemens, N. Z. Scoville, and P. M. Solomon*. **60**, 1, 1-A3
- Massachusetts-Stony Brook Galactic Plane CO Survey. II. (*I*, *V*) Maps of the First Galactic Quadrant. *D. P. Clemens, D. B. Sanders, N. Z. Scoville, and P. M. Solomon*. **60**, 297, 4-A5
- COHEN, R. S. The Columbia CO Survey of Molecular Clouds in the First Galactic Quadrant. *R. S. Cohen, T. M. Dame, and P. Thaddeus*. **60**, 695, 10-A1
- COSTA, J. M. First Orbits for the Visual Double Stars ADS 328, ADS 9043, and ADS 13048. *J. A. Docobo and J. M. Costa*. **60**, 945, 14-G12
- CUMMINS, SALLY E. A Survey of the Millimeter-Wave Spectrum of Sagittarius B2. *Sally E. Cummins, R. A. Linke, and P. Thaddeus*. **60**, 819, 12-C3
- DAHARI, OVED. The Nuclear Activity of Interacting Galaxies: Erratum. *Oved Dahari*. **60**, 601, 8-F11
- DAME, T. M. The Columbia CO Survey of Molecular Clouds in the First Galactic Quadrant. *R. S. Cohen, T. M. Dame, and P. Thaddeus*. **60**, 695, 10-A1
- DE LUCIA, FRANK C. The Laboratory Millimeter-Wave Spectrum of Methyl Formate in Its Ground Torsional E State. *Grant M. Plummer, Eric Herbst, Frank C. De Lucia, and Geoffrey A. Blake*. **60**, 949, 15-A2
- DOCOBO, J. A. First Orbits for the Visual Double Stars ADS 328, ADS 9043, and ADS 13048. *J. A. Docobo and J. M. Costa*. **60**, 945, 14-G12
- FEKEL, FRANCIS C. A Survey of Chromospherically Active Stars. *Francis C. Fekel, Thomas J. Moffett, and Gregory W. Henry*. **60**, 551, 8-C4
- FERLAND, G. J. Spectroscopic Observations of Nova Cygni 1975: The Coronal Line Region Revisited. *G. J. Ferland, D. L. Lambert, and J. H. Woodman*. **60**, 375, 5-C6
- FITZPATRICK, EDWARD L. Ultraviolet Extinction toward Five Open Clusters and the Accuracy of *IUE* Extinction Measurements. *Derck Massa and Edward L. Fitzpatrick*. **60**, 305, 4-E4
- HENRY, GREGORY W. A Survey of Chromospherically Active Stars. *Francis C. Fekel, Thomas J. Moffett, and Gregory W. Henry*. **60**, 551, 8-C4
- HERBST, ERIC. The Laboratory Millimeter-Wave Spectrum of Methyl Formate in Its Ground Torsional E State. *Grant M. Plummer, Eric Herbst, Frank C. De Lucia, and Geoffrey A. Blake*. **60**, 949, 15-A2
- HODGE, PAUL. CCD Photometry of Large Magellanic Cloud Clusters. II. The Intermediate-Age Cluster H4. *Mario Mateo and Paul Hodge*. **60**, 893, 14-B1
- HOESSEL, J. G. Photometry of Resolved Galaxies. V. NGC 6822. *J. G. Hoessel and Nels Anderson*. **60**, 507, 7-D4
- ICHIKAWA, SHIN-ICHI. Surface Photometry of Dwarf Elliptical Galaxies in the Virgo Cluster. *Shin-Ichi Ichikawa, Ken-Ichi Wakamatsu, and Sadanori Okamura*. **60**, 475, 6-G10
- JONES, BURTON F. Wide Binaries in the Direction of Andromeda. *John N. Bahcall, Burton F. Jones, and Kavan U. Ratnatunga*. **60**, 939, 14-G7
- LAMBERT, D. L. Spectroscopic Observations of Nova Cygni 1975: The Coronal Line Region Revisited. *G. J. Ferland, D. L. Lambert, and J. H. Woodman*. **60**, 375, 5-C6
- LINKE, R. A. A Survey of the Millimeter-Wave Spectrum of Sagittarius B2. *Sally E. Cummins, R. A. Linke, and P. Thaddeus*. **60**, 819, 12-C3
- MASSA, DERCK. Ultraviolet Extinction toward Five Open Clusters and the Accuracy of *IUE* Extinction Measurements. *Derck Massa and Edward L. Fitzpatrick*. **60**, 305, 4-E4
- MASSON, C. R. The Rotational Emission-Line Spectrum of Orion A between 247 and 263 GHz. *Geoffrey A. Blake, E. C. Sutton, C. R. Masson, and T. G. Phillips*. **60**, 357, 5-A14
- MATEO, MARIO. CCD Photometry of Large Magellanic Cloud Clusters. II. The Intermediate-Age Cluster H4. *Mario Mateo and Paul Hodge*. **60**, 893, 14-B1
- MILGROM, MORDEHAI. The Radiative Acceleration of Astrophysical Jets: Line Locking in SS 433. *Paul R. Shapiro, Mordehai Milgrom, and Martin J. Rees*. **60**, 393, 6-A5
- MOFFETT, THOMAS J. A Survey of Chromospherically Active Stars. *Francis C. Fekel, Thomas J. Moffett, and Gregory W. Henry*. **60**, 551, 8-C4
- OKAMURA, SADANORI. Surface Photometry of Dwarf Elliptical Galaxies in the Virgo Cluster. *Shin-Ichi Ichikawa, Ken-Ichi Wakamatsu, and Sadanori Okamura*. **60**, 475, 6-G10
- PESCH, PETER. The Case Low-Dispersion Northern Sky Survey. III. *Peter Pesch and N. Sanduleak*. **60**, 543, 8-B4
- PHILLIPS, T. G. The Rotational Emission-Line Spectrum of Orion A between 247 and 263 GHz. *Geoffrey A. Blake, E. C. Sutton, C. R. Masson, and T. G. Phillips*. **60**, 357, 5-A14
- PLUMMER, GRANT M. The Laboratory Millimeter-Wave Spectrum of Methyl Formate in Its Ground Torsional E State. *Grant M. Plummer, Eric Herbst, Frank C. De Lucia, and Geoffrey A. Blake*. **60**, 949, 15-A2
- RATNATUNGA, KAVAN U. Wide Binaries in the Direction of Andromeda. *John N. Bahcall, Burton F. Jones, and Kavan U. Ratnatunga*. **60**, 939, 14-G7
- REES, MARTIN J. The Radiative Acceleration of Astrophysical Jets: Line Locking in SS 433. *Paul R. Shapiro, Mordehai Milgrom, and Martin J. Rees*. **60**, 393, 6-A5
- SANDERS, D. B. Massachusetts-Stony Brook Galactic Plane CO Survey. I. (*b*, *V*) Maps of the First Galactic Quadrant. *D. B. Sanders, D. P. Clemens, N. Z. Scoville, and P. M. Solomon*. **60**, 1, 1-A3
- Massachusetts-Stony Brook Galactic Plane CO Survey. II. (*I*, *V*) Maps of the First Galactic Quadrant. *D. P. Clemens, D. B. Sanders, N. Z. Scoville, and P. M. Solomon*. **60**, 297, 4-A5
- SANDULEAK, N. The Case Low-Dispersion Northern Sky Survey. III. *Peter Pesch and N. Sanduleak*. **60**, 543, 8-B4
- SCHOMBERT, JAMES M. The Structure of Brightest Cluster Members. I. Surface Photometry. *James M. Schombert*. **60**, 603, 9-A5

- SCOVILLE, N. Z. Massachusetts-Stony Brook Galactic Plane CO Survey. I. (*b*, *V*) Maps of the First Galactic Quadrant. *D. B. Sanders, D. P. Clemens, N. Z. Scoville, and P. M. Solomon*. **60**, 1, 1-A3
- Massachusetts-Stony Brook Galactic Plane CO Survey. II. (*l*, *V*) Maps of the First Galactic Quadrant. *D. P. Clemens, D. B. Sanders, N. Z. Scoville, and P. M. Solomon*. **60**, 297, 4-A5
- SHAPIRO, PAUL R. The Radiative Acceleration of Astrophysical Jets: Line Locking in SS 433. *Paul R. Shapiro, Mordehai Milgrom, and Martin J. Rees*. **60**, 393, 6-A5
- SOLOMON, P. M. Massachusetts-Stony Brook Galactic Plane CO Survey. I. (*b*, *V*) Maps of the First Galactic Quadrant. *D. B. Sanders, D. P. Clemens, N. Z. Scoville, and P. M. Solomon*. **60**, 1, 1-A3
- Massachusetts-Stony Brook Galactic Plane CO Survey. II. (*l*, *V*) Maps of the First Galactic Quadrant. *D. P. Clemens, D. B. Sanders, N. Z. Scoville, and P. M. Solomon*. **60**, 297, 4-A5
- SUTTON, E. C. The Rotational Emission-Line Spectrum of Orion A between 247 and 263 GHz. *Geoffrey A. Blake, E. C. Sutton, C. R. Masson, and T. G. Phillips*. **60**, 357, 5-A14
- TATUM, J. B. Structure and Intensities of Microwave Lines in the Spectra of Diatomic Molecules. *J. B. Tatum*. **60**, 433, 6-D2
- TAYLOR, BENJAMIN J. Transformation Equations and Other Aids for *VRI* Photometry. *Benjamin J. Taylor*. **60**, 577, 8-E2
- THADDEUS, P. The Columbia CO Survey of Molecular Clouds in the First Galactic Quadrant. *R. S. Cohen, T. M. Dame, and P. Thaddeus*. **60**, 695, 10-A1
- A Survey of the Millimeter-Wave Spectrum of Sagittarius B2. *Sally E. Cummins, R. A. Linke, and P. Thaddeus*. **60**, 819, 12-C3
- UNDERHILL, A. B. The Statistical Equilibrium of Hydrogen and Helium in a Radiation Field, with an Application to Interpreting Wolf-Rayet Spectra. *A. K. Bhatia and A. B. Underhill*. **60**, 323, 4-F8
- WAKAMATSU, KEN-ICHI. Surface Photometry of Dwarf Elliptical Galaxies in the Virgo Cluster. *Shin-Ichi Ichikawa, Ken-Ichi Wakamatsu, and Sadanori Okamura*. **60**, 475, 6-G10
- WOODMAN, J. H. Spectroscopic Observations of Nova Cygni 1975: The Coronal Line Region Revisited. *G. J. Ferland, D. L. Lambert, and J. H. Woodman*. **60**, 375, 5-C6

